



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

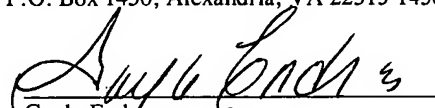
In re Application of: Ram Naidu et al. Examiner:  
Serial No.: 10/611,572 Group Art Unit: 2882  
Filing Date: July 1, 2003  
Title: DECOMPOSITION OF MULTI-ENERGY SCAN  
PROJECTIONS USING MULTI-STEP FITTING  
Docket Number: 56230-589 (ANA-244)

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail under 37 CFR 1.8(a) in an envelope addressed to Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Date:

3/26/04

  
Gayle Endres

Mail Stop DD  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

TRANSMITTAL LETTER

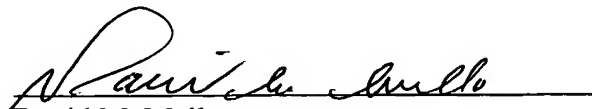
Enclosed herewith for filing in connection with the above-identified patent application are the following:

- 1) Information Disclosure Statement;
- 2) Form PTO-A820 (also form 1449);
- 3) Copies of publications listed on Form PTO-1449; and
- 4) Acknowledgment Postcard.

Respectfully submitted,

Date:

March 26, 2004

  
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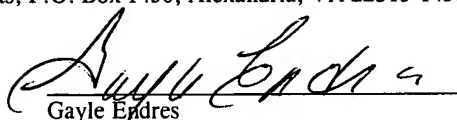
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Gayle Endres

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Commissioner for Patents  
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Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Applicants and their attorney are aware of the following publications and information, listed on the attached Form PTO-A820, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. This Statement is being filed more than three months after the filing date of the application, but before the receipt of any Official Action from the Patent and Trademark Office. A full copy of each cited publication is enclosed.


This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publications herein be construed *per se* as a representation that such publications are prior art. Moreover, the Applicants understand that the Examiner will make an independent evaluation of the cited publications.

U.S.S.N. 10/611,572  
March 26, 2004  
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No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge any necessary fees to our Deposit Account No. 50-1133.

Respectfully submitted,

Date: March 26, 2004

  
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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

MAR 29 2004

Docket Number (Optional)

56230-589

Application Number

10/611,572

Applicant(s)

Ram Naidu et al.

Filing Date

July 1, 2003

Group Art Unit

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,029,963		Alvarez et al.			
		5,132,998		Tsutsui et al.			
		5,661,774		Gordon et al.			
		4,759,047		Donges et al.			
		4,884,289		Glockmann et al.			
		5,132,988		Tsutsui et al.			
		5,182,764		Peschmann et al.			
		5,247,561		Kotowski			
		5,319,547		Krug et al.			
		5,367,552		Peschmann et al.			
		5,490,218		Krug et al.			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		DE 31 503 06 A1		Germany				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Robert E. Alvarez and Albert Macovski, "Energy-selective Reconstructions in X-Ray Computerized Tomography", Phys. Med. Biol. 1976, Vol. 21, No. 5, 733-744

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,473,657		McKenna			
		6,091,795		Schafer et al.			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		K. Chuang and H. K. Huang, A Fast Dual-Energy Computational Method Using Isotransmission Lines and Tables, Med. Phys. 14, 186-192 (1987)
		H. N. Cardinal and A. Fenster, An Accurate Method for Direct Dual Energy Calibration and Decomposition, Med. Phys. 17, 327-341 (1990)

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

## **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

W. H. Press, S.A. Teukolsky, W. T. Vetterling and B.P. Flannery, Numerical Recipes in C, The Art of Scientific Computing, 2nd Ed. (Cambridge University Press, New York, NY 1992), Chap. 15, pp. 681-706

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